

IAP15 Rec'd PCT/PTO 25 MAY 2006

Docket No. : 1109-003

10/580890

U.S. Application No. : TBA

International Application No.: PCT/KR2004/002980

International Filing Date. : November 26, 2003 (26 November 2003)

Title of Invention : CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, PROCESS FOR  
PREPARING THE SAME AND REACTOR FOR USE IN THE SAME PROCESS

Applicant(s) for (DO/EO/US) : Sun et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and othe

1.  This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures 35 U.S.C. 371 (f) at any time rather than delay examination until the expiration of the applicable time limit set forth in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest cla
5.  A copy of the International Application as filed [35 U.S.C. 371(c) (2)].
  - a)  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b)  has been transmitted by the International Bureau.
  - c)  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  A translation of the International Application into English [35 U.S.C. 371(c) (2)].
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c) (3)].
  - a)  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b)  have been transmitted by the International Bureau.
  - c)  have not been made; however, the time limit for making such amendments has NOT expired.
  - d)  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c) (3)].
9.  An unsigned oath or declaration of the inventor(s) [35 U.S.C. 371(c) (4)].
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35

Items 11. to 16. below concern other document(s) or information included:

11.  An Information Disclosure Statement under 37 C.F.R. 1.97 and 198.
12.  An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is i
13.  A FIRST preliminary amendment to be entered at filing.  
 A SECOND or SUBSEQUENT preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  (other items or information)

EXPRESS MAIL No.: EV 707522195 US Deposited: May 25, 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231.

May 25, 2006

Valentina Papraniku

Date

10/580890

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Docket No: 1109-003

U.S. Application No. (if known, see 37 C.F.R. 1.50):  
 International Application No. : PCT/KR2004/002980

17.  The following fees are submitted:

**BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]:**

|                                                                                                                  |           |  |  |  |
|------------------------------------------------------------------------------------------------------------------|-----------|--|--|--|
| <input checked="" type="checkbox"/> Basic National Stage Fee.....                                                | \$ 300.00 |  |  |  |
| — National Stage Search Fee- U.S. was the ISA:.....                                                              | \$ 100.00 |  |  |  |
| <input checked="" type="checkbox"/> National Stage Search Fee- search report prepared and provided to USPTO..... | \$ 400.00 |  |  |  |
| — National Stage Search Fee- All other situations:.....                                                          | \$ 500.00 |  |  |  |
| — National Stage Examination Fee- U.S. was IPEA, and all claims<br>satisfy PCT Article 33(1)-(4).....            | \$ 100.00 |  |  |  |
| <input checked="" type="checkbox"/> National Stage Examination Fee- all other situations:.....                   | \$ 200.00 |  |  |  |
| — National Stage Application Size Fee- for each additional 50 sheets.....                                        | \$ 250.00 |  |  |  |

**ENTER APPROPRIATE BASIC FEE AMOUNT:**

Surcharge of \$ 130.00 for furnishing the oath or declaration later than 20 30 months  
from the earliest claimed priority date [37 CFR 1.492(e)]

|                                                                       |        |               |              |              |             |
|-----------------------------------------------------------------------|--------|---------------|--------------|--------------|-------------|
| <b>(Claims are based on Preliminary<br/>Amendment filed herewith)</b> |        | <b>Claims</b> | <b>filed</b> | <b>Extra</b> | <b>Rate</b> |
| Total Claims                                                          | 15-20= | 0 x           | \$ 50.=      |              |             |
| Indep. Claims                                                         | 2-3=   | 0 x           | \$ 200. =    |              |             |
| Multiple Dependent Claims (if applicable) +                           |        | \$ 360.=      | \$           |              |             |

**TOTAL OF ABOVE CALCULATIONS:**

Reduction by  $\frac{1}{2}$  for filing by small entity, if applicable. Verified Small Entity  
Statement must be filed also. [Note 37 CFR 1.9, 1.27, 1.28] (divided by 2)

**SUBTOTAL:**

Processing fee of \$ 130.00 for furnishing the English Translation later than 20 30 months  
from the earliest claimed priority date [37 CFR 1.492(f)]

**TOTAL NATIONAL FEE:**

Fee for recording the enclosed assignment [37 CFR 1.21(h)] The assignment must be  
accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31].

**TOTAL FEES ENCLOSED:**

**AMOUNT TO BE REFUNDED:**

**AMOUNT TO BE CHARGED:**

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a)  A check in the amount of \$900.00 to cover the above fees is enclosed.

b)  Please charge my Deposit Account No. 19-2825 in the amount of \$ .00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c)  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit overpayment to Deposit Account No. 19-2825, order number 1109-002. A duplicate copy of this sheet is

NOTE: Where an appropriate time limit under 36 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

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SEND ALL CORRESPONDENCE TO Joseph Sofer, Esq.

Sofer & Haroun, LLP  
317 Madison Avenue  
Suite 910  
New York, NY 10017  
Customer No.: 39600

Joseph Sofer

Name

signature

34,438

May 25

Reg. No.

Dat

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P9 Rec'd PCT/PTO 25 MAY 2006

PATENT

Docket No. 1109-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Sun et al. Group Art Unit: TBA  
Serial No. : TBA Examiner: TBA  
Filed : May 25, 2006  
For : CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, PROCESS  
FOR PREPARING THE SAME AND REACTOR FOR USE IN THE SAME PROCESS

AMENDMENT FEE TRANSMITTAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for the above-identified application.

No additional fee is required.

The additional fee has been calculated as shown below:

CLAIMS AS AMENDED

|                                   | Claims<br>Remaining<br>After<br>Amendment                                                                                                                                                   |   | Highest No.<br>Covered by<br>Previous<br>Payments | Present<br>Extra | Rate       | Additional<br>Fee |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------|------------------|------------|-------------------|
| Total<br>Claims*                  | 15                                                                                                                                                                                          | - | 20                                                | =0               | x \$50.00  | \$ _____          |
| Independent<br>Claims             | 2                                                                                                                                                                                           | - | 3                                                 | =0               | x \$200.00 | \$ _____          |
| Multiple<br>Dependent<br>Claim(s) | (If claims added by amendment include<br>Multiple Dependent Claim(s) and there<br>was no Multiple Dependent Claim(s) in<br>application before amendment add<br>\$260.00 to additional fee.) |   |                                                   |                  |            | \$ _____          |
|                                   |                                                                                                                                                                                             |   |                                                   |                  | Total:     | \$ _____          |

Verified Statement of "Small Entity" Status Under 37 CFR § 1.27  
filed \_\_\_\_\_. Reduced Fees Under 37 CFR § 1.9(f)  
(50% of total) paid herewith. \$ \_\_\_\_\_

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Includes all independent and single dependent claims and all claims referred to in  
multiple dependent claims. See 37 C.F.R. § 1.75(c).

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Charge fee to Deposit Account No. 19-2825 . Order No. \_\_\_\_\_  
A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

The Commissioner is hereby authorized to charge any additional fees which may be required for this amendment, or credit any overpayment to Deposit Account No.19-2825. Order No. 1109-003.  
A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

\_\_\_\_ Page(s) of substitute Sequence Listing

\_\_\_\_ Computer disk(s) containing substitute Sequence Listing

Statement under 37 C.F.R. § 1.825(b) that the computer and paper copies of the substitute Sequence Listing are the same.

A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is attached.

Respectfully submitted,

SOFER & HAROUN L.L.P.

By: \_\_\_\_\_  
Joseph Sofer  
Registration No. 34,438

Dated: May 25, 2006

Mailing Address:

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10/580890  
APR 25 2006  
25 MAY 2006

PATENT

Docket No. 1109-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Sun et al.  
Serial No. : TBA  
Filed : May 25, 2006  
Title : CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY,  
PROCESS FOR PREPARING THE SAME AND REACTOR FOR USE IN THE  
SAME PROCESS

EXPRESS MAIL CERTIFICATE

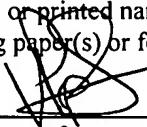
Express Mail Label No.: EV 707522195 US

Date of Deposit May 25, 2006

I hereby certify that the following attached paper(s) or fee

- 1) National Stage Transmittal
- 2) Copy of International Application
- 3) Return Postcard
- 4) Express Mail Certificate
- 5) Preliminary Amendment
- 6) Amendment Transmittal
- 7) Check for \$900.00
- 8) Formal Drawings (10 sheet)
- 9) IDS w/ Form PTO-1449
- 10) 3 References
- 11) Executed Declaration

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Valentina Papraniku  
(Typed or printed name of person  
mailing paper(s) or fee)  
  
(Signature of person mailing  
paper(s) or fee)

Mailing Address:  
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